you can

Canon

DIGITAL SLR CAMERA

EOS-1D Mark II

Always get the perfect shot.

- Approx. 8.2 Megapixel large CMOS sensor (28.7 x 19.1mm)
- Approx. 8.5 frames per second
- Large Buffer – max. burst of 40 JPEG images (20 in RAW)
- 2nd generation high performance DIGIC II processor
- Digital Photo Professional: high speed RAW file processing; providing a digital workflow solution for professionals
- Magnified 10x Zoom Display in 15 steps
- 2 Memory Card slots – simultaneously record your images to both cards for backup purposes
- Largest ISO speed range in any professional digital SLR*
- Video Out for real time image display on monitor
- Shutter durability of 200,000 cycles
- Tough magnesium alloy professional body; water and dust resistant
- Responsive handling – 40ms minimum shutter lag with noise reduction
- Complete compatibility with all Canon EF lenses (excluding EF-S) and EX-series Speedlites

Euro 2004 PORTUGAL

OFFICIAL PARTNER

*As of January 29th 2004.

Specifications **EOS-1D Mark II**

IMAGE SENSOR	
Type	28.7 x 19.1mm CMOS
Effective Pixels	Approx. 8.2M
Total Pixels	Approx. 8.5M
Aspect Ratio	3:2
Low-Pass Filter	Built in/Fixed
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC II
LENS	
Lens Mount	EF (excludes EF-S lenses)
Focal Length	1.3x Multiplication with EF lens fitted
FOCUSING	
Type	TTL-AREA-SIR with a CMOS sensor
AF System/Points	45-point AF (Area AF)
AF Working Range	EV 0 - 18 (at 20°C & ISO 100)
AF Modes	One Shot AI Servo
AF Point Selection	Automatic selection, Manual selection, Home position (switch to registered AF point)
Selected AF Point Display	Superimposed in viewfinder
Predictive AF	YES
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode
AF Assist Beam	Emitted by an optional dedicated Speedlite
Manual Focus	Selected on lens
EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 21 zone SPC **1** Evaluative metering (linked to any AF point) **2** Partial metering (approx. 8.5% of viewfinder at centre) **3** Spot metering: Center spot metering (approx. 2.4% viewfinder at center) AF point-linked spot metering (approx. 2.4% of viewfinder) Multi/Spot metering (Max 8 spot metering entries) **4** Center weighted average metering
Metering Range	EV 0 - 20 (at 20°C with 50mm f1.4 lens ISO 100)
AE Lock	Auto: Operates in 1-shot AF mode with evaluative metering when focus is achieved. Manual: By AE lock button in all metering modes
Exposure Compensation	+/-3 EV in 1/3-stop increments (can be combined with AEB)
AEB	+/-3 EV in 1/3-stop increments. 1/2-stop increments selectable with C.Fn-06-2. Bracketing methods: **1** Shutter speed or aperture **2** ISO speed
ISO Speed Equivalent	100 - 1600 (in 1/3-stop increments) ISO can be expanded to L: 50 or H: 3200 (selected on shooting menu)
SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30 - 1/8000 sec (1/3 stop increments), Bulb (Shutter speeds of 1 sec or more operate with noise reduction)
Shutter Release	Soft-touch electromagnetic release
WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	Auto, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light, Flash, Custom, Colour Temperature Setting, Personal WB, (Total 10 Settings) White balance compensation: **1** Blue/Amber +/-9 **2** Magenta/ Green +/-9
Personal White Balance	Up to 3 personal WB settings can be registered
WB Bracketing	+/-3 stops in full stop increments. Method: **1** Blue/Amber **2** Magenta/Green 3 bracketed images per shutter release
COLOUR MATRIX	
Type	5 types of colour space: 4x sRGB, Adobe RGB. 2x user selectable.

VIEWFINDER	
Viewfinder	Pentamirror with condenser lens
Coverage (Vertical/Horizontal)	Approx. 100% (for JPEG large images)
Magnification	0.72x[1]
Eyepoint	20mm
Dioptre Correction	-3 to +1 dpt
Focusing Screen	Interchangeable (9 types). Standard Focusing Screen Ec-CIII
Mirror	Quick-return half mirror (Transmission: reflection ratio of 37:63, no mirror cut-off with EF1200mm f5.6 or shorter)
Viewfinder Information	AF information (AF points, focus confirmation light), Exposure information (shutter speed, aperture, manual exposure, metering range, ISO speed, exposure level, exposure warning), Flash Information (flash ready, FP flash, FE lock, flash exposure level), JPEG format, number of remaining shots, CF card information, WB compensation
Depth of Field Preview	YES
Eyepiece Shutter	Built-in
LCD MONITOR	
Monitor	2.0" TFT, approx. 230K pixels
Coverage	Approx. 100% (for JPEG images)
Brightness	Adjustable to one of five levels
FLASH	
Modes	E-TTL II, Auto Flash, Metered Manual
HotShoe/PC terminal	YES/YES
X-sync	1/250 sec
Flash Exposure Compensation	+/-3 EV in 1/3-stop increments with EX series Speedlites
Flash Exposure Bracketing	YES
Flash Exposure Lock	YES
Second Curtain Synchronisation	YES
External Flash	E-TTL with EX series Speedlites, wireless multi-flash support
SHOOTING	
Modes	Program AE, Shutter priority AE, Aperture priority AE, Manual
Drive Modes	Single/Continuous L/Continuous H
Continuous Shooting	Max. Approx. 8.5 fps. (speed maintained for up to 40 images (JPEG quality 8), 20 images (RAW))[2]
RECORDING PIXELS/ COMPRESSION	
Image Size	(LF)3504 x 2336, (M1)3104 x 2072, (M2)2544 x 1696, (S)1728 x 1152, (RAW)3504 x 2336
Compression	JPEG (1 - 10 settings, user selectable), RAW (Canon RAW 2nd edition)
FILE FORMAT	
Still Image Format	JPEG (Exif 2.21 [Exif Print] compliant)/ Design rule for Camera File system (2.0), Digital Print Order Format [DPOF] Version 1.1 compliant
RAW+JPEG Simultaneous Recording	YES
Folders	Folder creation & selection is possible
File Numbering	**1** Consecutive numbering **2** Auto reset **3** Manual reset
Processing Parameters	3 parameters in 3 sets
Sound Files	WAVE (monaural)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and Bubble Jet Printers with the direct print function.
PictBridge	YES
OTHER FEATURES	
Custom Functions	21 Custom Functions with 67 settings
Personal Functions	27
LCD Panel (EL) Illumination	YES
Water/Dust Resistance	YES
Sound Memo	Up to 30 sec per image

OTHER FEATURES (CONT.)	
Intelligent Orientation Sensor	YES
Histogram	Brightness: YES, RGB: YES
Playback zoom	1.5x - 10x
Display Formats	**1** Single image with information **2** Single image **3** 4 image index[3] **4** 9 image index[3] **5** Magnified view
Image Erase Protection	Erase protection of one image, all images in a folder, or all images in the memory card can be applied or cancelled at one time
Image Erase	Single image, All
Self Timer	Approx. 2 or 10 sec
Menu Categories	**1** Recording Menu **2** Playback menu **3** Set-up menu **4** Custom/Personal Functions Menu
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Japanese
Firmware Update	Update possible by the user
INTERFACE	
Computer	IEEE 1394 (Supplied with 4-pin dedicated cable), USB 1.1 (Mini-B, PTP)
Other	Video output (PAL/ NTSC)
MEMORY CARD	
Type	CompactFlash Type I/II (Microdrive compatible)[4], SD memory
SUPPORTED OPERATING SYSTEM	
PC	Windows 98 (incl. SE)/2000/Me/XP
Macintosh	OS 9.0 - 9.2, OS X v10.1/v10.2
SOFTWARE	
Browsing & Printing	EOS Viewer Utility/EOS Capture, PhotoStitch
Other	Twain, WIA
Drivers	
Image Manipulation	Digital Photo Professional
POWER SOURCE	
Batteries	1x Ni-MH pack NP-E3, 1x CR2025 for date & settings
Battery Life	Approx. 1200 (at 20°C), Approx. 800 (at 0°C)
Battery Check	Automatic
Power Saving	Power turns off after 1, 2, 4, 8, 15 or 30mins
A/C Power Supply	Power adapter DCK-E1
ACCESSORIES	
Lenses	All EF lenses (excludes EF-S lenses)
Flash	Canon Speedlites (220EX, 380EX, 420EX, 550EX, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2)
Remote Controller/Switch	Remote control with N3 type contact
Power Supply & Battery Chargers	DC coupler kit DCK-E1, Battery charger NC-E2
PHYSICAL SPECIFICATIONS	
Body Materials	Magnesium Alloy
Operating Environment	0 - 45°C, 85% or lower humidity
Dimensions (WxHxD)	156.0 x 157.6 x 79.9mm
Weight (body only)	Approx. 1220g (battery weight 335g)

1 At -1 dpt with 50mm lens set to infinity **2** The maximum shots per burst value depends on the subject, shooting mode, ISO speed, memory card speed and memory card capacity **3** In display formats 1 & 2 any over exposed highlight areas will blink in the image display **4** Compatible with 2GB memory cards & larger

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

8.2 MEGA PIXELS DIGIC II EF PictBridge FireWire Exif Print Designed for Microsoft® Windows® XP Mac Built for Mac OS X DPOF

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